

Fig. 1

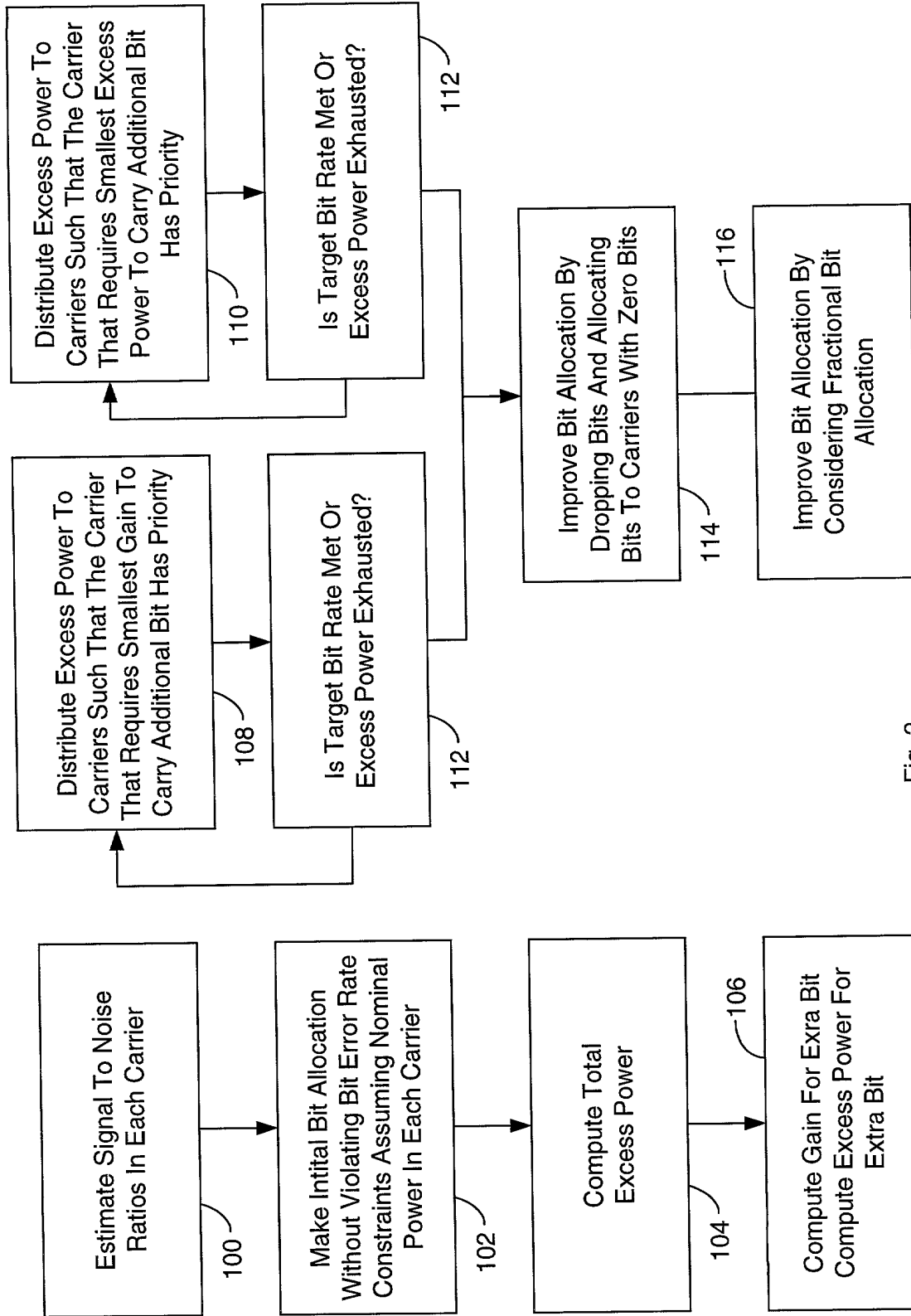


Fig. 2

100: Estimate Signal To Noise Ratios In Each Carrier
102: Make Initial Bit Allocation Without Violating Bit Error Rate Constraints Assuming Nominal Power In Each Carrier
104: Compute Total Excess Power
106: Compute Gain For Extra Bit Compute Excess Power For Extra Bit
108: Distribute Excess Power To Carriers Such That The Carrier That Requires Smallest Gain To Carry Additional Bit Has Priority
110: Is Target Bit Rate Met Or Excess Power Exhausted?
112: Is Target Bit Rate Met Or Excess Power Exhausted?
114: Improve Bit Allocation By Dropping Bits And Allocating Bits To Carriers With Zero Bits
116: Improve Bit Allocation By Considering Fractional Bit Allocation

Tone	1	2	3	4	5	6	7	8	9	10	11
BRM	0	1(0000)	0	1(0001)	1(0000)	1(0001)	1(0010)	0	0	1(0000)	1(0010)

Fig 3.

Tone	1	2	3	4	5	6	7	8	9	10	11
BRM	0	1(0)	0	1(1)	1(00)	1(01)	1(10)	0	0	1(00)	1(10)

Fig 4.

Tone	1	2	3	4	5	6	7	8	9	10	11
BRM	0	1 (0101)	0	1 (0110)	1 (1010)	0	1 (1011)	0	0	0	0

Fig 5.

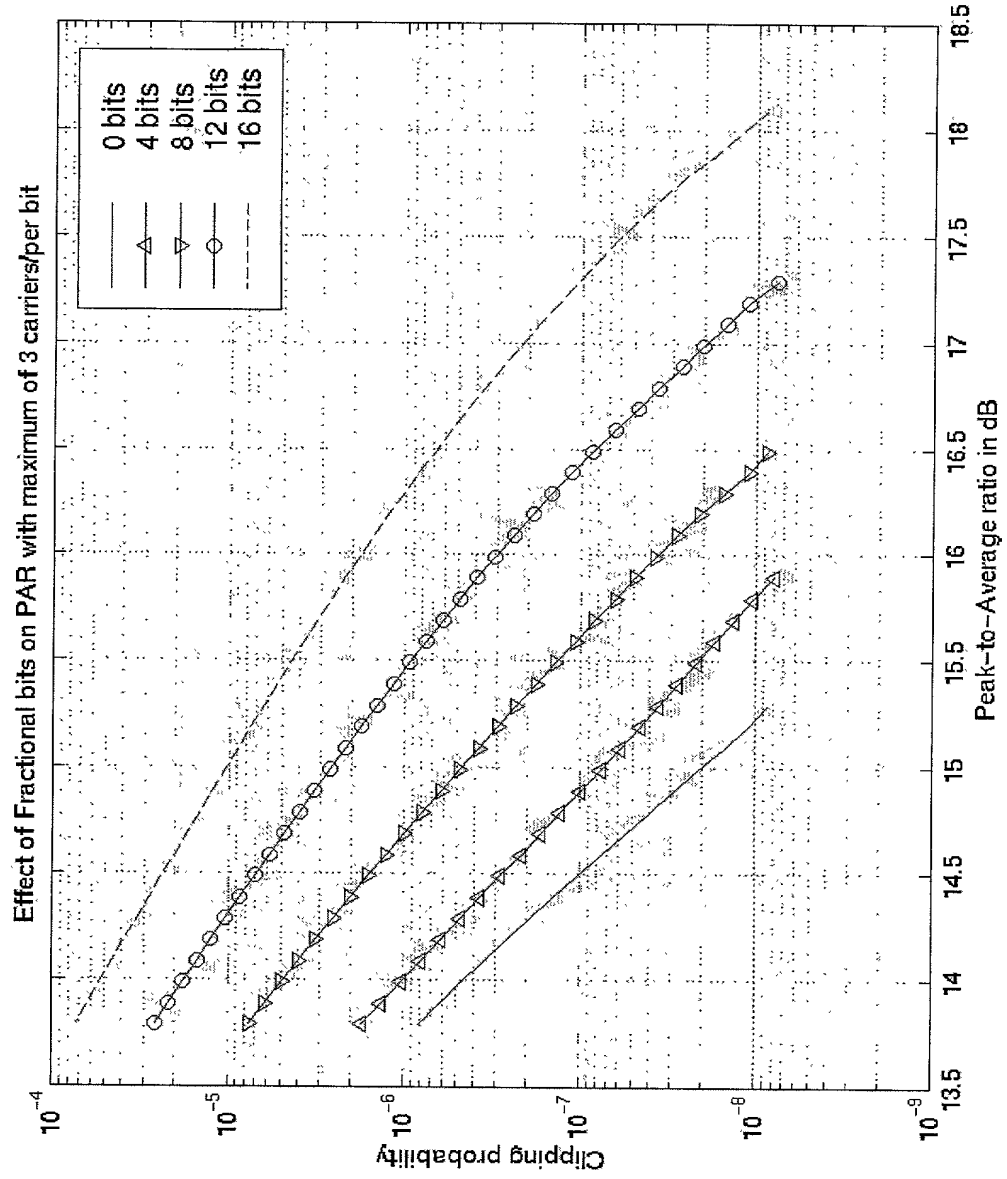


Fig. 6

Fig. 7

